WHAT IS CLAIMED IS:

1. A multi-piece golf ball comprising: a core; an intermediate layer surrounding said core; and a cover surrounding said intermediate layer, wherein 20 to 600 voids are distributed in at least one of said core, said intermediate layer or said cover along a spherical surface thereof.

2. A multi-piece golf ball comprising: a core; an intermediate layer surrounding said core; and a cover surrounding said intermediate layer, wherein 20 to 600 voids are distributed in at least one of said intermediate layer or said cover along a spherical surface of said intermediate layer or said cover.

3. The multi-piece golf ball according to claim 2, wherein each void has a volume of 0.75 to 6 mm^3, and wherein 20 to 550 voids are provided.

4. The multi-piece golf ball according to claim 2, wherein the voids have a total volume of 0.5 to 50% with respect to a volume of the intermediate layer or the cover with the voids.

5. The multi-piece golf ball according to claim 2, wherein the intermediate layer or the cover with the voids has a thickness of 0.5 to 5 mm.

6. A method for manufacturing the multi-piece golf ball according to claim 1, comprising the steps of: molding a half shell of the intermediate layer with gaps formed on its inner surface by using a mold with projections on its spherical surface; and molding an assembly of the core and the intermediate layer by covering the core with a pair of the half shells.

7. The method according to claim 6, wherein the step of molding the assembly of the core and the intermediate layer by covering the core

with the pair of the half shells includes press-molding at a temperature of 100 to 140°C under a pressure of 0.1 to 20 kg/cm^2.